

## CLAIMS

1. A method for measuring collagen by immunoanalysis using an anti-collagen antibody which is characterized in that a test sample is treated with a reducing agent.
2. The method for measuring collagen according to claim 1 wherein the immunoanalysis is fluoroimmunoassay using an anti-collagen antibody.
3. The method for measuring collagen according to claim 1 or 2 which is sandwich-type time-resolved fluoroimmunoassay (TR-FIA).
4. The method for measuring collagen according to any of claims 1 to 3 wherein the collagen is type IV collagen.
5. The method for measuring collagen according to any of claims 1 to 4 wherein the reducing agent is dithiothreitol.
6. The method for measuring collagen according to any of claims 1 to 5 wherein the test sample is urine.
7. The method for measuring collagen according to any of claims 1 to 6 wherein the test sample is urine of an experimental animal.
8. The method for measuring collagen according to any of claims 1 to 7 wherein the concentration of the reducing agent in a test sample is between 0.1 mM and 10 mM.
9. The method for measuring collagen according to claim 8 wherein the concentration of the reducing agent in a test sample is between 0.1 mM and 5 mM.
10. The method for measuring collagen according to claim 8 wherein the concentration of the reducing agent in a test sample is 0.5 mM and 5 mM.
11. The method for measuring collagen according to any of claims 1 to 10 which comprises the following steps:
  - (1) a step of treating a test sample with a reducing agent;
  - (2) a step of allowing the test sample treated in (1) above to come into contact with a solid phase carrier on which an anti-collagen immobilized antibody is immobilized;

- (3) a step of allowing an anti-collagen labeled antibody having a labeling substance to come into contact with the above-described solid phase carrier; and
- (4) a step of detecting or measuring collagen which was bound to the anti-collagen immobilized antibody by using the above-described labeling substance.

12. A kit for measuring collagen, which comprises at least a reducing agent and an anti-collagen antibody.